

Contents

This listing presents the papers in alphabetical order of the first author. The author index that follows covers APPLIED PHYSICS A and B, and is presented in tabular form. The names are listed in alphabetical order in the first column. The second column gives the first author of the respective paper, and the third column the bibliographic data necessary to locate the paper. The issue is specified by the number separated from the volume number by a slash. The fourth column states the major PACS number so that the topic of the paper can be inferred by consulting the PACS listing on the left page.

PHOTOPHYSICS and LASER CHEMISTRY

- Andrew R.:
CW Ar⁺ laser-induced oxidation of Cu layers.
Appl.Phys.B 41/4, 205-212 (1986) PACS:81.60 82.40 61.80
- Bava E., Godone A., Rietto G.:
Rabi and Ramsey interrogations of metastable beams.
Appl.Phys.B 41/3, 187-195 (1986) PACS:32.80
- Belyayev M.V., Chebotayev V.P., Maiorov A.P., Smirnov V.A.:
Selective laser heating and nonlinear light scattering in a homogeneous medium.
Appl.Phys.B 41/2, 131-133 (1986) PACS:42.65 65.00
- Blazejowski J., Lampe F.W.:
CO₂-laser-induced breakdown in mono- and diatomic gases.
Appl.Phys.B 41/2, 109-117 (1986) PACS:82.50 82.30 42.60
- Coisson R., Dattoli G., Renieri A.:
Optimization criteria for optical klystrons.
Appl.Phys.B 41/4, 231-234 (1986) PACS:42.60 42.55
- Ernsting M.P., Nikolaus B.:
Undamped relaxation oscillations due to self-gain-switching of laser dye mixtures.
Appl.Phys.B 41/1, 25-30 (1986) PACS:42.55M
- Fourrier M., Kreisler A.:
Further investigations on IR pumping of CH₃OD and CD₃OD by a CW CO₂ laser.
Appl.Phys.B 41/1, 57-60 (1986) PACS:42.55E
- French P.M.W., Taylor J.R.:
Passive mode locking of the continuous wave DCM dye laser.
Appl.Phys.B 41/1, 53-55 (1986) PACS:42.55M 42.60
- Frey L., Möller U., Langhoff H.:
On recombination lasers in the VUV excited by intense proton beams.
Appl.Phys.B 41/3, 147-151 (1986) PACS:52.20 34.90 42.55
- Ganeev R.A., Gorbushin V.V., Kulagin I.A., Usmanov T.:
Optical harmonic generation in media with positive dispersion.
Appl.Phys.B 41/1, 69-71 (1986) PACS:42.65
- Golub I., Shuker R., Erez G.:
Collinear Nondegenerate four-wave mixing by a three-level system.
Appl.Phys.B 41/1, 39-41 (1986) PACS:42.65 32.80
- Gomes A.S.L., Österberg U., Taylor J.R.:
Spectral and temporal investigations of nonlinearities in a non-polarization preserving single-mode optical fibre.
Appl.Phys.B 41/4, 235-240 (1986) PACS:42.10 42.65 42.80
- He Chun, Huang Ruiping, Zhang Cunhao:
Rotational energy transfer in I₂*B₃p₁ colliding with I₂(X¹ sigma), Ar and He: Experiment and fitting law.
Appl.Phys.B 41/4, 251-257 (1986) PACS:34.50
- Hilbig R., Hilber G., Wallenstein R.:
Nonresonant tripling and sum-frequency mixing in Hg.
Appl.Phys.B 41/4, 225-230 (1986) PACS:42.65 42.72
- Huisken F., Pertsch T.:
Coherent anti-Stokes Raman spectroscopy (CARS) of the ν₃ band of methane in supersonic molecular beams.
Appl.Phys.B 41/3, 173-178 (1986) PACS:42.65 33.20 34.50
- Ja Y.H.:
Degenerate four-wave mixing in photorefractive Bi₁₂GeO₂₀ crystals involving internal reflections.
Appl.Phys.B 41/4, 265-269 (1986) PACS:42.65 78.20
- Kemmler M., Kluge J., Linde D. von der:
Characteristics of the loss modulation of intracavity Raman-Nath acousto-optic devices.
Appl.Phys.B 41/4, 217-223 (1986) PACS:78.20 42.60
- Kojima H., Uchida K., Takagi Y.:
A waveguide reactor for IR multiphoton dissociation and its application to ¹³C laser isotope separation.
Appl.Phys.B 41/1, 43-48 (1986) PACS:33.00
- Kukhtarev N.V., Semenets T.I., Ringhofer K.H., Tomberger G.:
Phase conjugation by reflection in electrooptic crystals.
Appl.Phys.B 41/4, 259-263 (1986) PACS:42.40 42.65
- Larciprete R., Stuke M.:
Isotope selective ionization of tellurium dimers Te₂ formed by excimer laser photodissociation of an organometallic compound: CH₃TeCH₃.
Appl.Phys.B 41/4, 213-215 (1986) PACS:82.50 82.80
- Lobentanzer H., Elsaesser T.:
Theoretical and experimental analysis of infrared dye-laser action in a traveling-wave pumping geometry.
Appl.Phys.B 41/3, 139-145 (1986) PACS:42.55M 42.60
- Meier M.:
Persistent spectral holes in external fields.
Appl.Phys.B 41/2, 73-90 (1986) PACS:78.50 71.70 35.20
- Mihalache D., Mazilu D.:
Calculations of TM-polarized nonlinear waves guided by thin dielectric films.
Appl.Phys.B 41/2, 119-123 (1986) PACS:42.65 42.82
- Milosevic S., Beuc R., Pichler G.:
Superheating in the heat-pipe oven.
Appl.Phys.B 41/2, 135-138 (1986) PACS:32.00 33.00
- Mutsukura N., Machi Y.:
Photo-chemical vapor deposition of hydrogenated amorphous silicon films.
Appl.Phys.B 41/2, 103-108 (1986) PACS:81.15 61.40
- Neve de Mevergnies M.:
Infrared multiphoton dissociation of 13CF₃Cl induced by CO₂ laser pulses.
Appl.Phys.B 41/1, 61-68 (1986) PACS:82.50 33.80
- Oliveira dos Santos B., Fellows C.E., Oliveira e Souza J.B., Massone C.A.:
A 3% efficiency N₂ laser.
Appl.Phys.B 41/4, 241-240 (1986) PACS:42.60B
- Ortiz C., Afonso C.N., Gehrtz M., Schellenberg F.M., Bjorklund G.C., Whittaker E.A.:
Spectral hole-burning properties of R¹ color centers in LiF: Dependence on doping and irradiation processes.
Appl.Phys.B 41/3, 197-203 (1986) PACS:61.80 42.60
- Plumelle F., Desaintfusiencin M., Jardino M., Petit P.:
Laser cooling of magnesium ions: Preliminary experimental results.
Appl.Phys.B 41/3, 183-186 (1986) PACS:32.80 52.25
- Rupp R.A.:
Microphotometric investigations of thick refractive index gratings in photorefractive crystals.
Appl.Phys.B 41/3, 153-168 (1986) PACS:42.30 42.40 42.70
- Schätzel K.:
Dead time correction of photon correlation functions.
Appl.Phys.B 41/2, 95-102 (1986) PACS:07.65 82.80 85.10
- Stanco J., Rozkwitalski Z., Stiwinski G., Konefal J., Kukiello P., Rabczuk G., Zaremba R.:
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- Takahashi M., Kuze H., Tashiro H., Takami M., Namba S.:
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Appl.Phys.B 41/2, 91-94 (1986) PACS:33.80 82.40
- Taubmann G., Jones H., Davies P.B.:
New CW optically pumped FIR laser lines.
Appl.Phys.B 41/3, 179-181 (1986) PACS:33.00 42.55
- Taylor R.S.:
Preionization and discharge stability study of long optical pulse duration UV-preionized XeCl lasers.
Appl.Phys.B 41/1, 1-24 (1986) PACS:42.55G 42.60
- Wagniere G.:
Theoretical investigation of Kleinman symmetry in molecules.
Appl.Phys.B 41/3, 169-172 (1986) PACS:31.20 42.65
- Wang Z.G., Qin L.J., Zhang K.C., Cheng I.S.:
Stimulated radiation via several hybrid resonance processes in Na-K or K vapor.
Appl.Phys.B 41/2, 125-129 (1986) PACS:33.00 42.55
- Watanabe M., Endoh A., Watanabe S.:
Single picosecond UV pulse generation by mode-locking of an excimer-laser-pumped dye laser.
Appl.Phys.B 41/1, 49-52 (1986) PACS:42.55G 42.60
- Zheng C.-E., Lo D., Lin S.-C.:
Performance improvement of an X-ray preionized XeCl laser of very small discharge volume.
Appl.Phys.B 41/1, 31-37 (1986) PACS:34.80 42.55 52.80

Name	First Author	Applied Physics	PACS	Name	First Author	Applied Physics	PACS
Abras A.	Abras A.	A 41/3, 185-189 (1986)	76.00	Huebener R.P.	Kieninger W.	A 41/3, 179-183 (1986)	65.00
Afonso C.N.	Ortiz C.	B 41/3, 197-203 (1986)	61.80	Huiskens F.	Huiskens F.	B 41/3, 173-178 (1986)	42.65
Ahmed S.R.	Nag B.R.	A 41/3, 197-199 (1986)	72.20	Ja Y.H.	Ja Y.H.	B 41/4, 265-269 (1986)	42.65
Aamel A.van	Symons J.	A 41/4, 293-297 (1986)	61.40	Jacob W.	Jacob W.	A 41/2, 145-150 (1986)	73.20
Andersson T.G.	Herman M.A.	A 41/3, 243-252 (1986)	68.55	Jaouen C.	Gaboriaud R.J.	A 41/2, 127-135 (1986)	61.80
Andrew R.	Andrew R.	B 41/4, 205-212 (1986)	81.60	Jardino M.	Plumelle F.	B 41/3, 183-186 (1986)	32.80
Arai S.	Takana H.	A 41/4, 313-316 (1986)	73.40	Jones H.	Taubmann G.	B 41/3, 179-181 (1986)	33.00
Averback R.S.	Kim S.-J.	A 41/3, 171-174 (1986)	61.80	Joyce B.A.	Gonzalez L.	A 41/3, 237-241 (1986)	68.55
Bauerle D.	Bauerle D.	A 41/4, 333-336 (1986)	82.65	Kalbitzer S.	Mannspurger H.	A 41/4, 255-260 (1986)	72.80
Bauerle D.	Kapenieks A.	A 41/4, 333-336 (1986)	82.65	Kalla R.	Pollmann J.	A 41/1, 21-38 (1986)	73.20
Baumberger M.	Baumberger M.	A 41/2, 151-156 (1986)	82.65	Kapenieks A.	Kapenieks A.	A 41/4, 333-336 (1986)	82.65
Bava E.	Bava E.	B 41/3, 187-195 (1986)	32.80	Kapenieks A.	Bauerle D.	A 41/4, 331-334 (1986)	82.65
Bell A.E.	Bell A.E.	A 41/4, 335-346 (1986)	79.70	Karg F.	Krühler W.	A 41/4, 277-285 (1986)	85.30
Belyayev M.V.	Belyayev M.V.	B 41/2, 131-133 (1986)	42.65	Kasowski R.V.	Kasowski R.V.	A 41/1, 61-73 (1986)	68.20
Beuc R.	Milosevic S.	B 41/2, 135-138 (1986)	32.00	Kemmler M.	Kemmler M.	B 41/4, 217-223 (1986)	78.20
Bjorklund G.C.	Ortiz C.	B 41/3, 197-203 (1986)	61.80	Kern K.	Kern K.	A 41/1, 91-93 (1986)	68.35
Blazejowski J.	Blazejowski J.	B 41/2, 109-117 (1986)	82.50	Kieninger W.	Kieninger W.	A 41/3, 179-183 (1986)	65.00
Bonzel H.P.	Preuss E.	A 41/2, 137-143 (1986)	68.20	Kim S.-J.	Kim S.-J.	A 41/3, 171-174 (1986)	61.80
Borstel G.	Thörner G.	A 41/1, 99-101 (1986)	73.20	Kingham D.R.	Kingham D.R.	A 41/2, 157-169 (1986)	79.70
Campos A.A.G.	Abras A.	A 41/3, 185-189 (1986)	76.00	Kingham D.R.	Swanson L.W.	A 41/3, 223-232 (1986)	79.70
Carlson D.E.	Carlson D.E.	A 41/4, 305-309 (1986)	61.40	Kluge J.	Kemmler M.	B 41/4, 217-223 (1986)	78.20
Carvalho A.V.de	Abras A.	A 41/3, 185-189 (1986)	76.00	Kojima H.	Kojima H.	B 41/1, 43-48 (1986)	33.00
Chebotaev V.P.	Belyayev M.V.	B 41/2, 131-133 (1986)	42.65	Konefal J.	Stanco J.	B 41/4, 245-250 (1986)	42.55
Cheng I.S.	Wang Z.G.	B 41/2, 125-129 (1986)	33.00	Kreisler A.	Fourrier M.	B 41/1, 57-60 (1986)	42.55
Chuang T.J.	Sesselmann W.	A 41/3, 209-221 (1986)	79.20	Kronmüller H.	Hirschner M.	A 41/3, 191-195 (1986)	72.15
Clegg J.B.	Gonzalez L.	A 41/3, 237-241 (1986)	68.55	Krüger P.	Pollmann J.	A 41/1, 21-38 (1986)	73.20
Coisson R.	Coisson R.	B 41/4, 231-234 (1986)	42.60	Krühler W.	Krühler W.	A 41/4, 275-283 (1986)	85.30
Comsa G.	Kern K.	A 41/1, 91-93 (1986)	68.35	Kubiak R.A.A.	Kubiak R.A.A.	A 41/3, 233-235 (1986)	73.60
Dattoli G.	Coisson R.	B 41/4, 231-234 (1986)	42.60	Kukhtarev N.V.	Kukhtarev N.V.	B 41/4, 259-263 (1986)	42.40
David R.	Kern K.	A 41/1, 91-93 (1986)	68.35	Kukiello P.	Stanco J.	B 41/4, 245-250 (1986)	42.55
David R.	Schröter L.	A 41/1, 95-97 (1986)	33.20	Kulagin I.A.	Ganeev R.A.	B 41/1, 69-71 (1986)	42.65
Davis P.B.	Taubmann G.	B 41/3, 179-181 (1986)	33.00	Kusian W.	Krühler W.	A 41/4, 277-285 (1986)	85.30
Davis R.J.	Weber J.	A 41/3, 175-178 (1986)	78.55	Kuvano Y.	Nakano S.	A 41/4, 269-276 (1986)	85.60
Deb Roy M.	Nag B.R.	A 41/3, 197-199 (1986)	72.20	Kuze H.	Takahashi M.	B 41/2, 91-94 (1986)	33.80
Desaintfusien M.	Plumelle F.	B 41/3, 183-186 (1986)	32.80	Ladeira L.O.	Abras A.	A 41/3, 185-189 (1986)	76.00
Dose V.	Jacob W.	A 41/2, 145-150 (1986)	73.20	Lampe F.W.	Blazejowski J.	B 41/2, 109-117 (1986)	82.50
Elsaesser T.	Lobentanz H.	B 41/3, 139-145 (1986)	42.5M	Landolt M.	Landolt M.	A 41/1, 83-89 (1986)	79.20
Elwenspoek M.	Elwenspoek M.	A 41/2, 123-125 (1986)	61.50	Langhoff H.	Frey L.	B 41/3, 147-151 (1986)	52.20
Endoh A.	Watanabe M.	B 41/1, 49-52 (1986)	42.56	Larciprete R.	Larciprete R.	B 41/4, 213-215 (1986)	82.50
Erez G.	Golub I.	B 41/1, 39-41 (1986)	42.5M	Leong W.Y.	Kubiak R.A.A.	A 41/3, 233-235 (1986)	73.60
Ernsting N.P.	Ernsting N.P.	B 41/1, 25-30 (1986)	42.65	Lin S.-C.	Zheng C.-E.	B 41/1, 31-37 (1986)	34.80
Eyett M.	Kapenieks A.	A 41/4, 333-336 (1986)	82.65	Linde D.von der	Kemmler M.	B 41/4, 217-223 (1986)	78.20
Eyett M.	Bauerle D.	A 41/4, 333-336 (1986)	82.65	Lo D.	Zheng C.-E.	B 41/1, 31-37 (1986)	34.80
Fellows C.E.	Oliveira dos Santos	B 41/4, 241-240 (1986)	42.68	Lobentanz H.	Lobentanz H.	B 41/3, 139-145 (1986)	42.5M
Fourrier M.	Fourrier M.	B 41/1, 57-60 (1986)	42.5E	Lorenz J.	Rysell H.	A 41/3, 201-207 (1986)	34.00
Foxon C.T.	Gonzalez L.	A 41/3, 237-241 (1986)	68.55	Machi Y.	Mutsukura N.	B 41/2, 103-108 (1986)	81.15
French P.M.W.	French P.M.W.	B 41/1, 53-55 (1986)	42.5M	Magarino J.	Magarino J.	A 41/4, 297-303 (1986)	85.60
Frey L.	Frey L.	B 41/3, 147-151 (1986)	52.20	Maier M.	Maier M.	B 41/2, 73-90 (1986)	78.50
Freyer N.	Preuss E.	A 41/2, 137-143 (1986)	68.20	Matrosov A.P.	Belyayev M.V.	B 41/2, 131-133 (1986)	42.65
Fujiwara Y.	Fujiwara Y.	A 41/2, 115-122 (1986)	78.55	Mannspurger H.	Mannspurger H.	A 41/4, 253-258 (1986)	72.80
Gaboriaud R.J.	Gaboriaud R.J.	A 41/2, 127-135 (1986)	61.80	Marinero E.E.	Sesselmann W.	A 41/3, 209-221 (1986)	79.20
Ganeev R.A.	Ganeev R.A.	B 41/1, 69-71 (1986)	42.65	Massone C.A.	Oliveira dos Santos	B 41/4, 241-240 (1986)	42.68
Gehrtz M.	Ortiz C.	B 41/3, 197-203 (1986)	61.80	Mazur A.	Mihalache D.	B 41/2, 119-123 (1986)	42.65
Ghannam M.	Symons J.	A 41/4, 293-297 (1986)	61.40	Mertens R.	Pollmann J.	A 41/1, 21-38 (1986)	73.20
Godone A.	Bava E.	B 41/3, 187-195 (1986)	32.80	Metzger W.	Symons J.	A 41/4, 293-297 (1986)	61.40
Goldmann A.	Jacob W.	A 41/2, 145-150 (1986)	73.20	Mihalache D.	Kieninger W.	A 41/3, 179-183 (1986)	65.00
Golub I.	Golub I.	B 41/1, 39-41 (1986)	42.65	Milosevic S.	Mihalache D.	B 41/2, 119-123 (1986)	42.65
Gomes A.S.L.	Gomes A.S.L.	B 41/4, 235-240 (1986)	42.10	Müller U.	Milosevic S.	B 41/2, 135-138 (1986)	32.00
Gonzalez L.	Gonzalez L.	A 41/3, 237-241 (1986)	68.55	Müller G.	Frey L.	B 41/3, 147-151 (1986)	52.20
Gorbushin V.V.	Ganeev R.A.	B 41/1, 69-71 (1986)	42.65	Müller K.	Mannspurger H.	A 41/4, 255-260 (1986)	72.80
Gowers J.P.	Gonzalez L.	A 41/3, 237-241 (1986)	68.55	Witt J.	Witt J.	A 41/1, 103-106 (1986)	61.16
Grob A.	Gaboriaud R.J.	A 41/2, 127-135 (1986)	61.80	Mutsukura N.	Mutsukura N.	B 41/2, 103-108 (1986)	81.15
Grob J.J.	Gaboriaud R.J.	A 41/2, 127-135 (1986)	61.80	Nag B.R.	Nag B.R.	A 41/3, 197-199 (1986)	72.20
Habermeier H.-U.	Weber J.	A 41/3, 175-178 (1986)	78.55	Nakamura T.	Shirai H.	A 41/4, 261-267 (1986)	61.40
Hamakawa Y.	Fujiwara Y.	A 41/2, 115-122 (1986)	78.55	Nakano S.	Nakano S.	A 41/4, 267-274 (1986)	85.60
Hanna J.	Shirai H.	A 41/4, 261-267 (1986)	61.40	Namba S.	Takahashi M.	B 41/2, 91-94 (1986)	33.80
Hayashida T.	Ohima S.	A 41/4, 287-291 (1986)	61.40	Neugroschel A.	Symons J.	A 41/4, 293-297 (1986)	61.40
He Chun	He Chun	B 41/4, 251-257 (1986)	34.50	NevedeMevengnies M.	Neve de Mevengnies	A 41/1, 61-68 (1986)	82.50
Heinz K.	Heinz K.	A 41/1, 3-19 (1986)	61.14	Nicolet M.-A.	Kim S.-J.	A 41/3, 171-174 (1986)	61.80
Herman M.A.	Herman M.A.	A 41/3, 243-252 (1986)	68.55	Nijts J.	Symons J.	A 41/4, 293-297 (1986)	61.40
Hilber G.	Hilbig R.	B 41/4, 225-230 (1986)	42.65	Nikolaus B.	Ernsting N.P.	B 41/1, 25-30 (1986)	42.5M
Hilbig R.	Hilbig R.	B 41/4, 225-230 (1986)	42.65	Nishino T.	Fujiwara Y.	A 41/2, 115-122 (1986)	78.55
Hilton D.	Gonzalez L.	A 41/3, 237-241 (1986)	68.55	Oda S.	Shirai H.	A 41/4, 261-267 (1986)	61.40
Hirschner M.	Hirschner M.	A 41/3, 191-195 (1986)	72.15	Ohima S.	Ohima S.	A 41/4, 285-289 (1986)	61.40
Hoffmann K.	Rysell H.	A 41/3, 201-207 (1986)	34.00	Ohnishi M.	Nakano S.	A 41/4, 269-276 (1986)	85.60
Hoffmann K.	Will N.F.	A 41/2, 107-114 (1986)	71.55	OliveiradosSantos	Oliveira dos Santos	B 41/4, 241-240 (1986)	42.68
Houghton R.	Kubiak R.A.A.	A 41/3, 233-235 (1986)	73.60	Oliveira e Souza J.	Oliveira dos Santos	B 41/4, 241-240 (1986)	42.68
Houle F.A.	Houle F.A.	A 41/4, 315-330 (1986)	81.40	Ortiz C.	Ortiz C.	B 41/3, 197-203 (1986)	61.80
Huang Ruiqing	He Chun	B 41/4, 251-257 (1986)	34.50	Österberg U.	Gomes A.S.L.	B 41/4, 235-240 (1986)	42.10

Name	First Author	Applied Physics	PACS	Name	First Author	Applied Physics	PACS
Palmer, R.L.	Kern, K.	A 41/1, 91-93 (1986)	68.35	Stuke M.	Larcpiprete R.	B 41/4, 213-215 (1986)	82.50
Parker E.H.C.	Kubiak R.A.A.	A 41/3, 233-235 (1986)	73.60	Swanson L.W.	Swanson L.W.	A 41/3, 223-232 (1986)	79.70
Patel G.	Kubiak R.A.A.	A 41/3, 233-235 (1986)	73.60	Swanson L.W.	Bell A.E.	A 41/4, 337-348 (1986)	79.70
Pertsch T.	Huiskens F.	B 41/3, 173-178 (1986)	42.65	Swanson L.W.	Kingham D.R.	A 41/2, 157-169 (1986)	79.70
Petit P.	Plumelle F.	B 41/3, 183-186 (1986)	32.80	Symons J.	Symons J.	A 41/4, 291-295 (1986)	61.40
Pfleiderer H.	Krühler W.	A 41/4, 277-285 (1986)	85.30				
Pichler G.	Milosevic S.	B 41/2, 135-138 (1986)	32.00	Takagi Y.	Kojima H.	B 41/1, 43-48 (1986)	33.00
Plumelle F.	Plumelle F.	B 41/3, 183-186 (1986)	32.80	Takahashi M.	Takahashi M.	B 41/2, 223-232 (1986)	33.80
Pollmann J.	Pollmann J.	A 41/1, 21-38 (1986)	73.20	Takami M.	Takahashi M.	B 41/2, 91-94 (1986)	33.80
Preuss E.	Preuss E.	A 41/2, 137-143 (1986)	68.20	Takana H.	Takana H.	A 41/4, 311-314 (1986)	73.40
				Tanabe A.	Shirai H.	A 41/4, 261-267 (1986)	61.40
Qin L.J.	Wang Z.G.	B 41/2, 125-129 (1986)	33.00	Tashiro H.	Takahashi M.	B 41/2, 91-94 (1986)	33.80
				Taubmann G.	Taubmann G.	B 41/3, 179-181 (1986)	33.00
Rabczuk G.	Stanco J.	B 41/4, 245-250 (1986)	42.55	Taylor J.R.	French P.M.W.	B 41/1, 53-55 (1986)	42.5M
Renieri A.	Coisson R.	B 41/4, 231-234 (1986)	42.60	Taylor J.R.	Gomes A.S.L.	B 41/4, 235-240 (1986)	42.10
Rhodin T.	Kasowski R.V.	A 41/1, 61-73 (1986)	68.20	Taylor R.S.	Taylor R.S.	B 41/1, 1-24 (1986)	42.56
Rieder K.H.	Baumberger M.	A 41/2, 151-156 (1986)	82.65	Thörner G.	Thörner G.	A 41/1, 99-101 (1986)	73.20
Rietto G.	Bava E.	B 41/3, 187-195 (1986)	32.80	Tomberger G.	Kukhtarev N.V.	B 41/4, 259-263 (1986)	42.40
Ringhofer K.H.	Kukhtarev N.V.	B 41/4, 259-263 (1986)	42.40	Tsai M.-H.	Kasowski R.V.	A 41/1, 61-73 (1986)	68.20
Rozkwalinski Z.	Stanco J.	B 41/4, 245-250 (1986)	42.55				
Rupp R.A.	Rupp R.A.	B 41/3, 153-168 (1986)	42.30	Uchida K.	Kojima H.	B 41/1, 43-48 (1986)	33.00
Rysel H.	Rysel H.	A 41/3, 201-207 (1986)	34.00	Usmanov T.	Ganeev R.A.	B 41/1, 69-71 (1986)	42.65
Sakai T.	Takana H.	A 41/4, 313-316 (1986)	73.40	Wagniere G.	Wagniere G.	B 41/3, 169-172 (1986)	31.20
Sawyer M.D.	Weber J.	A 41/3, 175-178 (1986)	78.55	Wallenstein R.	Hilbig R.	B 41/4, 225-230 (1986)	42.65
Schätzel K.	Schätzel K.	B 41/2, 95-102 (1986)	07.65	Wang Z.G.	Wang Z.G.	B 41/2, 125-129 (1986)	33.00
Schellenberg F.M.	Ortiz C.	B 41/3, 197-203 (1986)	61.80	Watanabe M.	Watanabe M.	B 41/1, 49-52 (1986)	42.56
Schepper P.de	Symons J.	A 41/4, 293-297 (1986)	61.40	Watanabe S.	Watanabe M.	B 41/1, 49-52 (1986)	42.56
Schönhense G.	Schönhense G.	A 41/1, 39-60 (1986)	32.80	Weber J.	Weber J.	A 41/3, 175-178 (1986)	78.55
Schröter L.	Schröter L.	A 41/1, 95-97 (1986)	33.20	Wertheim G.K.	Wertheim G.K.	A 41/1, 75-81 (1986)	79.60
Schulz M.	Will N.F.	A 41/2, 107-114 (1986)	71.55	Whittaker E.A.	Ortiz C.	B 41/3, 197-203 (1986)	61.80
Schwendemann B.	Hirscher M.	A 41/3, 191-195 (1986)	72.15	Will N.F.	Will N.F.	A 41/2, 107-114 (1986)	71.55
Semenets T.I.	Kukhtarev N.V.	B 41/4, 259-263 (1986)	42.40	Witt J.	Witt J.	A 41/1, 103-106 (1986)	61.16
Sesselmann W.	Sesselmann W.	A 41/3, 209-221 (1986)	79.20	Wolfgarten G.	Pollmann J.	A 41/1, 21-38 (1986)	73.20
Shimbo M.	Takana H.	A 41/4, 313-316 (1986)	73.40				
Shimizu I.	Shirai H.	A 41/4, 261-267 (1986)	61.40	Yamada T.	Ohima S.	A 41/4, 287-291 (1986)	61.40
Shirai H.	Shirai H.	A 41/4, 259-265 (1986)	61.40	Yamano M.	Ohima S.	A 41/4, 287-291 (1986)	61.40
Shuker R.	Golub I.	B 41/1, 39-41 (1986)	42.65	Yamazaki T.	Takana H.	A 41/4, 313-316 (1986)	73.40
Singh M.	Weber J.	A 41/3, 175-178 (1986)	78.55				
Slivinski G.	Stanco J.	B 41/4, 245-250 (1986)	42.55	Zacharias H.	Schröter L.	A 41/1, 95-97 (1986)	33.20
Smirnov V.A.	Belyayev M.V.	B 41/2, 131-133 (1986)	42.65	Zaremba R.	Stanco J.	B 41/4, 245-250 (1986)	42.55
Stanco J.	Stanco J.	B 41/4, 245-250 (1986)	42.55	Zhang Cunhao	He Chun	B 41/4, 251-257 (1986)	34.50
Stocker W.	Baumberger M.	A 41/2, 151-156 (1986)	82.65	Zhang K.C.	Wang Z.G.	B 41/2, 125-129 (1986)	33.00
				Zheng C.-E.	Zheng C.-E.	B 41/1, 31-37 (1986)	34.80